

Title (en)

CONTAINER FOR STORAGE, TRANSPORT AND DISTRIBUTION OF LIQUID OR LIQUEFIED GASES

Title (de)

BEHÄLTER FÜR LAGERUNG, TRANSPORT UND VERTEILUNG VON FLÜSSIGEN ODER VERFLÜSSIGTEN GASEN

Title (fr)

RÉCIPIENT DESTINÉ AU STOCKAGE, AU TRANSPORT ET À LA DISTRIBUTION DE GAS LIQUIDES OU LIQUÉFIÉS

Publication

**EP 3458769 A1 20190327 (EN)**

Application

**EP 17723401 A 20170515**

Priority

- IT UA20163553 A 20160518
- EP 2017061633 W 20170515

Abstract (en)

[origin: WO2017198629A1] A description is given of a tank (100) for storage, transport and distribution of liquid or liquefied gases, in particular helium, suitable also for transport by rail and/or in ISO container form, which comprises, one inside the other, a first inner vessel (1) for the containment of said liquid or liquefied gas, a second vessel (2) placed around said vessel (1) and a third outer vessel (3) where the intermediate vessel (2) is equipped with a closed annular chamber (6) placed around it, suitable for being filled with a sacrificial fluid so as to shield said inner vessel (1) from the incoming energy, said tank (100) providing a system of supports (50, 60, 70) in the form of isostatically constrained structure formed by a fixed point (50) and by a system (60, 70) acting as a hinged shoe.

IPC 8 full level

**F17C 3/10** (2006.01)

CPC (source: EA EP KR)

**F17C 3/10** (2013.01 - EA EP KR); **F17C 2203/014** (2013.01 - EA EP KR); **F17C 2203/015** (2013.01 - EA EP KR); **F17C 2203/016** (2013.01 - EA EP KR); **F17C 2203/018** (2013.01 - EA EP KR); **F17C 2203/0308** (2013.01 - EA EP KR); **F17C 2203/0312** (2013.01 - EA EP KR); **F17C 2203/0631** (2013.01 - EA EP KR); **F17C 2205/018** (2013.01 - EA EP KR); **F17C 2205/0192** (2013.01 - EA EP KR); **F17C 2205/0196** (2013.01 - EA EP KR); **F17C 2221/011** (2013.01 - EA EP KR); **F17C 2221/014** (2013.01 - EA EP KR); **F17C 2221/016** (2013.01 - EA EP KR); **F17C 2221/017** (2013.01 - EA EP KR); **F17C 2223/0161** (2013.01 - EA EP KR); **F17C 2227/0341** (2013.01 - EA EP KR); **F17C 2227/0381** (2013.01 - EA EP KR); **Y02E 60/32** (2013.01 - EA EP)

Citation (search report)

See references of WO 2017198629A1

Cited by

FR3127273A1; EP4187144A1; WO2023147276A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2017198629 A1 20171123**; AU 2017266684 A1 20190117; AU 2017266684 B2 20220707; CA 3027444 A1 20171123; CN 109790957 A 20190521; CN 109790957 B 20210226; EA 035810 B1 20200814; EA 201892647 A1 20190628; EP 3458769 A1 20190327; EP 3458769 B1 20200708; IT UA20163553 A1 20171118; KR 102335822 B1 20211207; KR 20190015717 A 20190214; ZA 201808479 B 20200226

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